

sliced tomato costing \$7.45 and three pounds of
Cucumber Salad costing \$3.50 are displayed as a result
of user indications made in illustrative display 2200
and illustrative display 3300. The information shown
5 in content area 2310 may also relate to the information
shown in side bar 2238 as drawn in FIG. 53. Display
area 2328 contains option features 2302. In this
example, interactive features 2020 receive user
indications of desired order process flow. Interactive
10 features 2020, as shown in this example, allow a user
to proceed to the next, or backtrack to the previous
step in the order process.

[0400] FIG. 55 shows illustrative display 2300. In
this example, illustrative display 2300 shows the next
15 step in the order process. Illustrative display 2300,
as shown in this example, may be provided upon receipt
of user input, for example, through interactive
features 2020 as shown in FIG. 54. The system may
receive user indications relating to choices that users
20 may or may not be required to make when ordering,
through option features 2302. The system may receive
user indications relating to any relevant choices that
a user may make regarding an order, through option
features 2302. In this example, option features 2302
25 allow user to select "Delivery" or "Takeout" for the
current order. The system may allow users to indicate
any information that may be desired when placing an
order, through option features 2302. User indications
to the system through option features 2302 may be used

to modify information displayed in content area 2310. In this example, interactive features 2020 are shown with the labels "Cancel" and "Save". The system may receive user indications about order flow, data storage
5 or deletion, and/or any other appropriate system functions, through interactive features 2020 with these labels.

[0401] FIG. 56 shows illustrative display 2300.

This example shows some other choices that a user may
10 be presented with as part of the order process. As shown, option features 2302 allow user to select "ASAP" or "Later" as a delivery option for the current order.

[0402] FIG. 57 shows illustrative display 2300.

This example shows some other choices that a user may
15 be presented with as part of the order process. As shown, option features 2302 allow user to select "cash", "credit card" or "account" as a payment method for the current order.

[0403] FIG. 58 shows illustrative display 2300.

20 This example shows another possibility for receiving user choices regarding an order. As shown, option feature 2302 allows user to type instructions for the current order, rather than making a choice of preset options. As shown, a user indication of "Please
25 deliver to Conference Room 31 North." has been entered into option feature 2302.

[0404] FIG. 59 shows illustrative display 2300.

This example shows yet another example of possible ways to receive user indications of choices made during the

order process. As shown, option features 2302 allow user to type instructions for the current order. As shown, user indications of "John Doe", "Acme", "Plaintown", "OH", "44444", and "888 395-3800" have
5 been entered into option features 2302, as location information for the current order.

[0405] FIG. 60 shows illustrative display 2300. As shown, option features 2302 allow user to select "Save Order" or "Don't Save Order". User indications, in
10 this example, allow a user the choice of whether to store information relating to the current order for future use.

[0406] FIG. 61 shows illustrative display 2300. As shown, the user has indicated that the choice titled
15 "Save Order" in option feature 2302 is desired.

[0407] FIG. 62 shows illustrative display 2300 with interactive features 2020. In this example, interactive features 2020 may, for instance, receive user indications of either "SUBMIT" or "Prev". The
20 interactive feature 2020 titled "SUBMIT" may allow the user to submit an order to a supplier. If the user indicates that "SUBMIT" is desired, the system may show display box 3900 as shown in FIG. 67.

[0408] FIG. 63 shows illustrative display 2300.
25 This example shows a variation of the type of user indication that option features 2302 may receive wherein a user may indicate a desired name for an order that the user wishes to store for possible future reference. As shown, option feature 2302 allows user

to type instructions for the current order. A user indication of "Favorite Kosher Lunch" has been entered into option feature 2302. Illustrative display 2300, as shown in FIG. 63 may be displayed after a user indication of "Save Order" is entered into option feature 2302 as shown in FIG. 61.

[0409] FIG. 64 shows illustrative display 3400. In this example, display 3400 shows a list 2040 of favorite orders associated with selection features 2034. A user may indicate to the system via a particular selection feature 2034 that one of the favorite orders is desired, rather than the order that is shown in content area 2310. A user may choose to view illustrative display 3400 and select a favorite order prior to viewing any restaurant menus.

Illustrative display 3400, as well as other displays described herein, may contain header 2018, side bar 2138, and content area 2310. List 2040 may contain selection features 2034, information features 2042 and any other information as desired. The system may receive user indications, through information features 2042, that a user wishes to view or download information.

[0410] FIG. 65 shows illustrative display 2600. The system may provide display 2600 in response to a user indication. For example, display 2600 may be provided after link 2016 titled "Order History" receives a user indication that viewing past orders is desirable. This user indication may be received by any of the

illustrative displays that contain one or more links
2016, if appropriate. Illustrative display 2600 may be
provided based on any other appropriate user
indication, system function, or for any other suitable
5 purpose. In this example, illustrative display 2600
contains a history list 2412 composed of history items
2414. Each history item 2414 may correspond to a past
order placed by a user. History items 2414 may be
associated with any data relevant to the past orders.
10 Illustrative display 2600, as well as other displays
described herein, may include side bar 2138, header
2018, and content area 2410.

[0411] FIG. 66 shows illustrative display 2700. In
this example, illustrative display 2700 shows
15 information relating to promotions that the service
provider may have with the goal of increasing business.
Illustrative display 2700 may be provided after link
2016 titled "SP Credits" receives a user indication
that viewing information regarding service provider
20 credits is desirable. This user indication may be
received by the system, through any of the illustrative
displays that contain one or more links 2016, if
appropriate. Illustrative display 2700 may be provided
based on any other appropriate user indication, system
25 function, or for any other suitable purpose.

Illustrative display 2700, as well as other displays
described herein, may include side bar 2138,
header 2018, and display area 2610. Display area 2610
may include information about service provider credits,

awards, promotions, one or more links to information, one or more images 2026, or any other suitable content.

[0412] FIG. 67 shows display box 2800. Display box 2800 may be used to display any suitable information to the user. In this example, the system may receive user indications to confirm whether an order should be sent to a supplier, through display box 2800. Display box 2800 may include one or more interactive features 2020, and any suitable text, images, and/or other content.

10 The system may receive user indications of intent to complete an order, cancel an order, or take any other appropriate steps in an order process, through interactive features 2020.

[0413] FIGS. 68-109 show illustrative displays that the system may provide to an administrator, customer service person, or other suitable non-customer individuals or groups. For simplicity, in the descriptions of FIGS. 68-109, the term administrative user will be used to describe the person accessing the interface.

15 20

[0414] FIG. 68 shows illustrative display 3500. Illustrative display 3500 allows the administrative user to login to the system. Illustrative display 3500 may contain header 2018 and sign in area 3112.

25 [0415] FIG. 69 shows illustrative display 3600. Illustrative display 3600 may be used as a general menu for administrative users. Administrative users may indicate preferences using illustrative display 3600. Illustrative display 3600, as well as other displays

described herein, may contain header 2018 and content area 3610.

[0416] In this example, content area 3610 shows a menu which may be available to an administrative user after logging into the system 1. Content area 3610 may contain one or more interactive features 2020. The system may receive administrative user indications about illustrative displays that an administrative user wishes to view, actions an administrative user wishes the system 1 to take, or any other appropriate indication, through interactive features 2020.

[0417] FIG. 70 shows illustrative display 3700. Illustrative display 3700 may be used to show a list of suppliers. In this example, illustrative display 3700 shows a list of restaurants that the administrative user may view by making an indication to the system, through interactive feature 2020 titled "Restaurants Edit, Import, Delete and Administrate Restaurants" as shown in FIG. 69. In this example, the administrative user may add, change any stored information relating to, and/or delete any restaurants listed in the system 1. Illustrative display 3700, as well as other displays described herein, may include content area 3710.

[0418] Content area 3710 may include one or more input features 3732. The system may receive administrative user indications of desired criteria to be used in searching for particular records in the system 1, through input features 3732. The system may

receive indications of IDs, names, addresses, cities, zip codes, phone numbers, sort methods, or any other relevant indications, through input features 3732. In this example, the administrative user typed "Café" into the input feature 3732 titled "Name" and selected "UID" in the input feature 3732 titled "Sort By".

[0419] Content area 3710 may include search feature 3734. The system may receive administrative user indications that performing a search is desired, through search feature 3734. Upon receipt of the appropriate indication by the system, through search feature 3734, the system 1 may perform a search for relevant restaurants. The system 1 may use any of the indications in input features 3732 in performing the search. In this example, the criterion "Café" was used in the search, and the results all have the characters "café" within the returned data.

[0420] Content area 3710 may include list 3740. List 3740 may include list features 3742. List features 3742 may include item features 3744. List features 3742 may include any relevant data relating to the restaurants stored in the system, including ID, name, address, city, state, zip code, phone number, and any other relevant data. In this example, list 3740 contains several list features 3742, each relating to a restaurant stored in the system that has the characters "café" stored as part of its relevant data.

[0421] Content area 3710 may include data modification features 3736. The system may receive

administrative user indications relating to adding to, editing, deleting from or any other suitable action regarding the stored restaurant information, through data modification features 3736. In this example, data
5 modification features 3736 allow an administrative user to "ADD NEW RESTAURANT" or "IMPORT RESTAURANT (FROM ACCESS) ...".

[0422] FIG. 71 shows illustrative display 3750. Illustrative display 3750 may be generated after an
10 administrative user makes the proper indication with respect to data modification feature 3736 titled "IMPORT RESTAURANT (FROM ACCESS) ..." as shown in FIG. 70, or after the administrative user makes any other proper indication that viewing illustrative display
15 3750 is desired. Illustrative display 3750 may be used as to guide the administrative user through the steps of importing data from any appropriate source into the system 1. In this example, illustrative display 3750 may allow the administrative user to import data
20 regarding restaurants from files formatted for Microsoft® Access® software.

[0423] Illustrative display 3750, as well as any illustrative display described herein, may contain header 2018 and content area 3760. Content area 3760
25 may contain interactive features 3762. The system may receive any appropriate administrative user indications relating to importing data into the system 1 or any other appropriate indications, through interactive features 3762.

[0424] FIG. 72 shows illustrative display 3800. Illustrative display 3800 may be viewed and used as part of the process of storing supplier data in the system 1. In this example, illustrative display 3800 may be used to input and store information about restaurants. Illustrative display 3800 may be provided by the system 1 upon a suitable administrative user indication to data modification feature 3736 titled "ADD NEW RESTAURANT..." as shown in FIG. 70, to item feature 3744 titled "EDIT..." as shown in FIG. 70, to an interactive feature 3736 as shown in FIG. 71, upon any other suitable administrative user indication, or upon any suitable system 1 event. Illustrative display 3800, as well as any display described herein, may include content area 3810.

[0425] Content area 3810 may include option features 3812. The system may receive administrative user input relating to any suitable information about suppliers, through option features 3812. In this example, the system may receive information about restaurant location and contact information, hours of operation, cuisine types, types of dining service offered, payment methods, ratings, menus, and other relevant information, through option features 3812. In this example, administrative user has entered "Bucharian Café", "44 Post. St.", "Southfield, OH", "44445", "Maple", "8885557777", and "8885557778" in option features 3812 in the contact information area; check marks in various boxes and opening and closing

times in the hours of operation area; a check mark in option feature 3812 titled "American" and "Cuisine(s); Organic, Vegetarian" in an option feature 3812 titled "NOTES", both in the cuisine type section; and check
5 marks in option features 3812 titled "Delivers" and "Offers TakeOut" in the type of dining service area.

[0426] Content area 3810 may include one or more execution features 3814. The system may receive administrative user indications, through execution
10 features 3814. Administrative user indications to the system, through execution features 3814, may prompt the system 1 to store supplier data, change supplier data, delete supplier data, or perform any other suitable function.

[0427] FIG. 73 shows illustrative display 3800. In this example, the administrative user may enter information about the menu of a restaurant, including menu name, description, types of dining services, available days and times, categories, and individual
20 menu items. Administrative users may view illustrative display 3800, as shown in this display, after making a suitable indication to the system, through an execution feature 3814 as shown in FIG. 72.

[0428] FIG. 74 shows display boxes 3830 and 3840.
25 In this example, display box 3830 is shown as an "Extras Editor" wherein administrative users may input relevant data relating to extra items that may be included with a restaurant menu item. Administrative user has entered "w/Seasonal Fruits" and "1" into the

option features 3812 titled "Extra" and "Price",
indicating that a user may order a particular menu item
with seasonal fruits for an additional price of \$1. In
this example, display box 3840 is shown as an "Options
5 Editor" wherein administrative users may input relevant
data relating to options that may be allowed with a
restaurant menu item. Administrative user has entered
"Soup", "Miso", "0", "Soup", "Soup of the Day", "0",
"Tortilla", "Corn", "0", "Tortilla", "Whole Wheat", and
10 "0" into option features 3812 titled "Group",
"Options", and "Price", indicating that a user has a
choice of miso soup or soup of the day and a choice of
corn or whole wheat tortilla with a particular menu
item for no additional cost.

15 [0429] Display boxes 3830 and 3840 may include
option features 3812 and execution features 3814.

[0430] FIG. 75 shows illustrative display 3850. In
this example, illustrative display 3850 shows the names
of several lists of restaurants. An administrative
20 user may use this information to add a list of
restaurants to the system 1 or to select one or more
lists of restaurants that the administrative user
wishes to view, edit, or delete. An administrative
user may view illustrative display 3850 after making
25 the appropriate indication to interactive feature 2020
titled "Lists Edit and Administrate Restaurant Lists
(zones)" as shown in FIG. 69. Illustrative display
3850 may include content area 3860.

[0431] Content area 3860 may include list 3870.
List 3870 may include list items 3874. Each list item
3874 may represent a list of suppliers accessible
through the system 1. List items 3874 may include list
5 features 3872. The system may receive indications that
an administrative user prefers to edit, delete, add, or
modify in any suitable way the associated list item
3874, through list features 3872. Content area 3860
may include one or more interactive features 3876. In
10 this example, the system may receive administrative
user indications that the administrative user wishes to
add an additional list item 3874 to list 3870, through
interactive feature 3876. The system may receive any
suitable administrative user indications, through
15 interactive features 3876.

[0432] FIG. 76 shows illustrative display 3880. In
this example, illustrative display 3880 may allow an
administrative user to input a name for a new list of
restaurants to be included as a list item 3874 in list
20 3870. Illustrative display 3880 may be viewed and used
by an administrative user that makes the proper
indications to interactive feature 3876 titled "ADD NEW
LIST" as shown in FIG. 75. Illustrative display 3880
may include content area 3890.

25 [0433] Content area 3890 may include input features
3892 and interactive features 3894. The system may
receive any suitable administrative user indications,
through input features 3892. In this example, input
feature 3892 has received the administrative user input

"New". The system may receive any suitable administrative user indications, through interactive features 3894. In this example interactive feature 3894 may receive an administrative user indication that
5 the administrative user wishes to proceed to the next step in the process of adding a new list item 3874 to list 3870.

[0434] FIG. 77 shows illustrative display 3900. In this example, illustrative display 3900 may allow an
10 administrative user to view one or more lists 3920 of restaurants and to select a sublist 3930 of restaurants to be included as part of the stored data for a list item 3874. Illustrative display 3900 may be viewed and used by an administrative user after the administrative
15 user makes suitable indications to the system, through interactive feature 3894 as shown in FIG. 76.

Illustrative display 3900 may include display area 3910.

[0435] Display area 3910 may include one or more
20 interactive features 3912, one or more lists 3920, and one or more sublists 3930. The system may receive any suitable administrative user indications, including indications to add one or more list items 3922 to sublist 3930 as a sublist item 3932, select all list
25 items 3922, select none of list items 3922, remove one or more sublist items 3932 from sublist 3930, select all sublist items 3932, select none of sublist items, continue to the next step in the process of adding a

list item 3874, or any other suitable indications, through interactive features 3912.

[0436] List 3920 may contain one or more list items 3922. Sublist 3930 may contain one or more sublist items 3932. List items 3922 and sublist items 3932 may display any relevant information relating to specific suppliers, including ID numbers, names, etc. The system may receive any suitable administrative user indications, through list items 3922 and sublist items 3932. The system may receive administrative user indications of selection or deselection prior to receipt of administrative user indications by interactive features 3912, through list items 3922 and sublist items 3932.

[0437] FIG. 78 shows illustrative display 4000. In this example, illustrative display 4000 shows the names of several corporate sites. An administrative user may use this information to add a corporate site to the system 1 or to select one or more corporate sites that the administrative user wishes to view, edit, or delete. An administrative user may view illustrative display 4000 after making the appropriate indication to interactive feature 2020 titled "Sites Configure and Maintain corporate sites" as shown in FIG. 69. Illustrative display 4000 may include content area 4010.

[0438] Content area 4010 may include list 4020. List 4020 may include list items 4024. Each list item 4024 may represent a corporate site accessible through

the system 1. List items 4024 may include list features 4022. The system may receive indications that an administrative user prefers to edit, delete, add, or modify in any suitable way an associated list item 5 4024, through list features 4022. Content area 4010 may include one or more interactive features 4026. In this example, the system may receive administrative user indications that the administrative user wishes to add an additional list item 4024 to list 4020, through 10 interactive feature 4026. The system may receive any suitable administrative user indications, through interactive features 4026.

[0439] FIG. 79 shows illustrative display 4050. In this example, illustrative display 4050 shows some of 15 the relevant data stored in the system 1 relating to a service provider site. Illustrative display 4050 provides administrative users with means to edit such data. Illustrative display 4050 may be provided upon receipt of appropriate administrative user indications 20 by the appropriate list feature 4022 titled "EDIT" as shown in FIG. 78 or by any other appropriate administrative user indication or system 1 event. Illustrative display 4050, as well as other displays described herein, may include header 2018 and content 25 area 4060.

[0440] Content area 4060 may include interactive features 4062 and input features 4064. The system may receive any suitable administrative user indications, through interactive features 4062. In this example,

the system may receive administrative user indications of "Back to sites list without editing", through interactive features 4062. The system may receive administrative user indications directing that the administrative user wishes to view illustrative display 4000, through the interactive feature 4062 titled "Back to sites list without editing". The system may receive any suitable administrative user indications, through input features 4064. In this example, the system may receive administrative user indications that gDebugSubmit, gAnonUserLogin, gUserEditName, gUserEditLocation, gUserEditUser, gUserEditTime, gUserEditService, and gUserEditPayment are desirable parts of the relevant data to be stored in relation to a site named "atg", through input features 4064.

[0441] FIG. 80 shows illustrative display 4050. In this example, illustrative display 4050 shows some of the relevant data to be stored in input features 4064 and interactive feature 4062 titled "edit site". The system may receive administrative user indications directing that the data displayed in input features 4064 be stored for future use, through interactive feature 4062 titled "edit company".

25 [0442] FIG. 81 shows illustrative display 4100. In this example, illustrative display 4100 shows information and features that an administrative user may use when functioning in a customer service role to help users with orders. Illustrative display 4100, as

well as other displays described herein, may contain header 2018 and content area 4110.

[0443] Content area 4100 may contain attention items 4112, interactive features 4114, and counter display features 4116. Attention item 4112 may be used to display any relevant information regarding one or more user orders that may or may not be problematic in any relevant form. In this example, attention item 4112 displays information regarding order ID, date, time, restaurant, company, customer, customer phone number, whether the order needs attention, and the release status. The system may receive any relevant administrative user indications, including indications regarding text to search for, places to be searched, date ranges to be searched, whether a date range should be searched, preferred execution of a search of orders, and recall of the previous search, through interactive features 4114. One or more counter display features 4116 may be used to display counts or quantities of relevant information. In this example, counter display features show the number of orders needing attention, age (in minutes) of the oldest order needing attention, the number of orders not needing attention, and the number of orders being worked on.

[0444] FIG. 82 shows illustrative display 4150. In this example, illustrative display 4150 shows a list 4170 of recent orders associated with order items 4174. Illustrative display 4150, as well as other displays described herein, may include header 2018 and content

area 4160. Illustrative display 4150 may be viewed upon receipt of appropriate administrative user indications by interactive features 4114 titled "SEARCH ORDERS" or "(last search)" as shown in FIG. 81.

5 [0445] Content area 4160 may include list 4170 and interactive features 4162. List 4170 may include list items 4174. In this example, list items 4174 show data relevant to orders, including dates, restaurants, customers, and whether the order is available for
10 customer service. List items 4174 may include any information relevant to any order. The system may receive any relevant administrative user indications, through interactive features 4162. The system may receive administrative user indications showing a
15 preference to view illustrative display 4100, through interactive feature 4162, as shown in FIG. 82.

[0446] FIG. 83 shows illustrative display 4200. Illustrative display 4200 may be viewed by administrative users acting in a customer service role.
20 Illustrative display 4200 may show information relating to one or more orders that an administrative user is taking action in reference to. In this example, illustrative display 4200 shows information relating to an order placed with Burger Spot restaurant by John Doe
25 for pancakes. Illustrative display 4200, as well as other displays described herein, may include header 2018 and content area 4210.

[0447] Content area 4210 may include input features 4214 and interactive features 4212. The system may

receive any input by an administrative user regarding the order for which information is being displayed in content area 4210, through input features 4214. In this example, the system may receive input of "Comment
5 by CSR" and "This order is okay", through input features 4214. The system may receive any suitable administrative user indications, including indications to enter data, provide illustrative display 4150, provide illustrative display 4100, or any other
10 suitable indications, through interactive features 4212.

[0448] FIG. 84 shows illustrative display 4200. In this example, different data is shown in the lower right portion of content area 4210.

15 **[0449]** FIG. 85 shows illustrative display 4250. Illustrative display 4250 may be used as a general menu for administrative users. Administrative users using illustrative display 4250 may be responsible for monitoring usage by users associated with one or more
20 specific companies or organizations that have access to the system 1. Administrative users may indicate preferences using illustrative display 4250.

Illustrative display 4250, as well as other displays described herein, may contain header 2018 and content
25 area 4260.

[0450] In this example, content area 4260 shows a menu which may be available to an administrative user after logging into the system 1. Content area 4260 may contain one or more interactive features 2020. The

system may receive administrative user indications about illustrative displays that an administrative user wishes to view, actions an administrative user wishes the system 1 to take, or any other appropriate indication, through interactive features 2020.

[0451] FIG. 86 shows illustrative display 4300. In this example, illustrative display 4300 shows a list 4320 of order events relating to one or more orders placed by users of the system 1. An administrative user may view illustrative display 4300 after suitable administrative user indications are received by interactive feature 2020 titled "Order Events Report" as shown in FIG. 85 or based on any other suitable administrative user indication or system 1 event. Illustrative display 4300, as well as any other display described herein, may contain header 2018 and content area 4310.

[0452] Content area 4310 may contain list 4320 and interactive features 4326. List 4320 may contain one or more list items 4324. In this example, list items 4324 display data regarding order numbers, order deadlines, event times, order ages, customers, restaurants, event types, customer service representatives, and notes. List items 4324 may display any data relevant to an order, customer, customer service representative, supplier, or any other relevant data. The system may receive any suitable administrative user indications, through interactive features 4326. In this example, the system may receive

administrative user indications of month, day, year,
"GO" and "PRINT REPORT", through interactive features
4326. The system may receive administrative user
indications and allow the administrative user to view a
5 list 4320 corresponding to any relevant date, through
interactive features 4326 titled month, day, year, and
"GO". The system may receive administrative user
indications directing that a printed version of list
4320 be prepared, through interactive feature 4326
10 titled "PRINT REPORT".

[0453] FIG. 87 shows illustrative display 4350. In
this example, illustrative display 4350 shows a list
4370 of customer service reports relating to one or
more orders placed by users of the system 1. An
15 administrative user may view illustrative display 4350
after suitable administrative user indications are
received by the system, through interactive feature
2020 titled "Customer Service Report" as shown in FIG.
85 or based on any other suitable administrative user
20 indication or system 1 event. Illustrative display
4350, as well as any other display described herein,
may contain header 2018 and content area 4360.

[0454] Content area 4360 may contain list 4370 and
interactive features 4376. List 4370 may contain one
25 or more list items 4374. In this example, list items
4374 display data regarding locations, restaurants,
customers, totals, times, dates, and comments/issues.
List items 4374 may display any data relevant to an
order, user, administrative user, supplier, or any

other relevant data. The system may receive any suitable administrative user indications, through interactive features 4376. In this example, the system may receive administrative user indications of month, day, year, "GO" and "PRINT", and "Include cancelled orders", through interactive features 4376. The system may receive administrative user indications and allow the administrative user to view a complete or partial list 4370 corresponding to any range of relevant dates, through interactive features 4376 titled "FROM:", "TO:", "Include canceled orders" and "GO". The system may receive administrative user indications directing that a printed version of list 4370 be prepared, through interactive feature 4376 titled "PRINT".

15 [0455] FIG. 88 shows illustrative display 4400. In this example, illustrative display 4400 shows a list 4420 of restaurants available to a site of a department of a company having access to the system 1. An administrative user may view illustrative display 4400 after suitable administrative user indications are received by the system, through interactive feature 2020 titled "Restaurant List" as shown in FIG. 85 or based on any other suitable administrative user indication or system 1 event. Illustrative display 25 4400, as well as any other display described herein, may contain header 2018 and content area 4410.

[0456] Content area 4410 may contain list 4420 and interactive features 4426. List 4420 may contain one or more list items 4424. In this example, list items

4424 display data regarding restaurant UIDs, restaurant names, street addresses, phone numbers, and facsimile numbers. List items 4424 may display any data relevant to a supplier or any other relevant data. The system
5 may receive any suitable administrative user indications, through interactive features 4426. In this example, the system may receive administrative user indications of site, "Include Restaurant UID", "Include Other Info", "Get Restaurant List", "Download
10 Report", and "PRINT", through interactive features 4426. The system may receive administrative user indications and allow the administrative user to view a list 4420 corresponding to any relevant site, through interactive features 4426 titled "Select a Site:",
15 "Include Restaurant UID", "Include Other Info", and "Get Restaurant List". The system may receive administrative user indications directing that a printed version of list 4420 be prepared, through interactive feature 4426 titled "PRINT". The system
20 may receive administrative user indications that an electronic version of the information in list 4420 should be stored, through interactive feature titled "Download Report".

[0457] FIG. 89 shows illustrative display 4450. In
25 this example, illustrative display 4450 shows a list 4470 of average order sizes and average daily total order amounts by company. An administrative user may view illustrative display 4450 after suitable administrative user indications are received by the

system, through interactive feature 2020 titled "Report Manager" as shown in FIG. 85 or based on any other suitable administrative user indication or system 1 event. Illustrative display 4450, as well as any other
5 display described herein, may contain header 2018 and content area 4460.

[0458] Content area 4460 may contain list 4470, one or more selection features 4478, and interactive features 4476. List 4470 may contain one or more list
10 items 4474. In this example, list items 4474 display data regarding company names, average order size, and average daily order totals. List items 4474 may display any data relevant to a supplier or any other relevant data. The system may receive administrative
15 user indications that viewing a specific report, including reports titled "Average Orders", "Customers by Company", "Order Events (by date)", "Orders By Customer", "Orders By Restaurant (Details)", "Orders By Restaurant (Summary)", "Restaurant Search", through
20 selection feature 4478 or any other relevant reports. Upon receipt of such indications, list 4470 may be provided anew with the information desired by administrative user. The system may receive any suitable administrative user indications, through
25 interactive features 4476. In this example, the system may receive administrative user indications of "Start Date:", "End Date:", "Include Cancelled Orders:", "Notes:", "RUN REPORT", and "PRINT", through interactive features 4476. The system may receive

administrative user indications and allow the administrative user to view a list 4470 corresponding to any relevant report indicated to selection feature 4478, through the interactive features 4476 titled

5 "Start Date:", "End Date:", "Include Cancelled Orders:", "Notes:", and "RUN REPORT". The system may receive administrative user indications directing that a printed version of list 4470 be prepared, through interactive feature 4476 titled "PRINT". In this

10 example, administrative user has indicated to selection feature 4478 that "Average Orders" is desired, and indicated to interactive features 4476 that a start date of "6/19/00" and an end date of "12/1/2000" is desired, thereby generating the shown list 4470 by

15 making the proper indications to interactive feature 4476 titled "RUN REPORT".

[0459] FIG. 90 shows illustrative display 4500. In this example, illustrative display 4500 shows a list 4520 of reports available to the administrative user.

20 An administrative user may view illustrative display 4500 after suitable administrative user indications are received by the system, through interactive feature 2020 titled "SQL Preparation" as shown in FIG. 85 or based on any other suitable administrative user

25 indication or system 1 event. Illustrative display 4500, as well as any other display described herein, may contain header 2018 and content area 4510.

[0460] Content area 4510 may contain list 4520 and interactive features 4526. List 4520 may contain one

or more list items 4524. In this example, list items 4524 display the names of relevant reports. List items 4524 may display any data relevant to a report or any other relevant data. Each list item 4524 may contain one or more item features 4522. The system may receive administrative user indications that a specific action should be taken with respect to the report represented by the associated list item 4524, through item features 4522. In this example, the system may receive administrative user indications that the administrative user desires to edit or delete the report, through the associated item feature 4522. The system may receive any suitable administrative user indications, through interactive features 4526. In this example, the system may receive administrative user indications of "Go to Report Manager", report name, and "add new report", through interactive features 4526. The system may receive administrative user indications and allow the administrative user add a new report as a list item 4524, through interactive features 4526 titled "add new report" and the interactive feature 4526 that is not titled. The system may receive administrative user indications directing that the administrative user wishes to view illustrative display 4450, through interactive feature 4526 titled "Go to Report Manager".

[0461] FIG. 91 shows illustrative display 4550. In this example, illustrative display 4550 shows a table 4570 of information relating to a reporting capability of the system 1 titled "Average Orders" with a UID of

"6015516". Illustrative display 4550 may be viewed by an administrative user upon receipt of appropriate administrative user indications by an item feature 4522 titled "EDIT" as shown in FIG. 90 or any other appropriate administrative user indication. In this example, the administrative user has made the appropriate indication to the system, through item feature 4522 titled "EDIT" that is associated with the list item titled "Average Orders" as shown in FIG. 90. Illustrative display 4550, as well as other displays described herein, may include header 2018 and content area 4560.

[0462] Content area 4560 may contain table 4570 and interactive features 4576. Table 4570 may contain interactive feature 4572 and display area 4574. The system may receive administrative user indications that the administrative user wishes to edit part or all of the displayed information or any other relevant information associated with the displayed information, through interactive feature 4572. Display area 4574 may display SQL queries or any other relevant data. Interactive features 4576 may receive any suitable administrative user indications. In this example, the system may receive administrative user indications of "Go to Report Manager" and "Back to reports list without editing", through interactive features 4576. The system may receive administrative user indications directing that the administrative user wishes to view illustrative display 4500, through the interactive

feature 4576 titled "Back to reports list without editing". The system may receive administrative user indications directing that the administrative user wishes to view illustrative display 4450, through
5 interactive feature 4576 titled "Go to Report Manager".

[0463] FIG. 92 shows a representative SQL query 4575. Query 4575 and/or any other relevant data or database queries may be displayed in display area 4574, edited when appropriate administrative user indications
10 are received by interactive feature 4572, deleted when the appropriate administrative user indications are received by the appropriate item feature 4522 titled "DELETE" as shown in FIG. 90, executed when the appropriate indications are received by selection
15 feature 4478 and interactive feature 4476 titled "RUN REPORT" as shown in FIG. 89, or used or modified in any suitable fashion when any appropriate administrative user indication is made. Query 4575 may be used to retrieve a three column list with column titles "Acme",
20 "Average Order Size", "Average Daily Total" from a group of four tables in a relational database based on specified criteria and having data grouped by a specified data element.

[0464] FIG. 93 shows illustrative display 4600. In
25 this example, illustrative display 4600 shows the names of several companies or other suitable organizations. An administrative user may use this information to add a company to the system 1 or to select one or more companies that the administrative user wishes to view,

edit, or delete. An administrative user may view illustrative display 4600 after making the appropriate indication to the system, through interactive feature 2020 titled "Companies Add, Delete, and Edit Companies, Departments, Customer and Locations" as shown in FIG. 69. Illustrative display 4600 may include content area 4610.

[0465] Content area 4610 may include list 4620. List 4620 may include list items 4624. Each list item 4624 may represent a company that has access to the system 1. List items 4624 may include list features 4622. The system may receive indications that an administrative user prefers to edit, delete, add, or modify in any suitable way the associated list item 4624, through list features 4622. Content area 4610 may include one or more interactive features 4626. In this example, the system may receive administrative user indications that the administrative user wishes to add an additional list item 4624 to list 4620 or input the name of a list item 2624, through interactive feature 4626. The system may receive any suitable administrative user indications, through interactive features 4626.

[0466] FIG. 94 shows illustrative display 4650. In this example, illustrative display 4650 shows some of the relevant data stored in the system 1 for a participating company or organization. Illustrative display 4650 provides administrative users with means to edit such data. Illustrative display 4650 may be

provided upon receipt of appropriate administrative user indications by the system, for example, through appropriate list feature 4622 titled "EDIT" as shown in FIG. 93 or by any other appropriate administrative user indication or system 1 event. Illustrative display 4650, as well as other displays described herein, may include header 2018 and content area 4660.

[0467] Content area 4660 may include interactive features 4662 and input features 4664. Interactive features 4662 may receive any suitable administrative user indications. In this example, interactive features 4662 may receive administrative user indications of "Go to departments list" and "Back to companies list without editing". The system may receive administrative user indications directing that the administrative user wishes to view illustrative display 4600, through interactive feature 4662 titled "Back to companies list without editing". The system may receive administrative user indications directing that the administrative user wishes to view illustrative display 4700, through interactive feature 4662 titled "Go to departments list". The system may receive any suitable administrative user indications, through input features 4664. In this example, through input features 4664, the system has received administrative user indications that "Acme", "WWW", "25", "1001 6th Ave.", "4th Floor", "Plaintown", "Ohio", "USA", and "44444" are parts of the relevant

data to be stored in relation to a company named "Acme".

[0468] FIG. 95 shows illustrative display 4650. In this example, illustrative display 4650 shows some of the relevant data to be stored in input features 4664 and interactive feature 4662 titled "edit company". The system may receive administrative user indications directing that the data displayed in input features 4664 be stored for future use, through interactive feature 4662 titled "edit company".

[0469] FIG. 96 shows illustrative display 4700. In this example, illustrative display 4700 shows the names of several departments of companies or other suitable organizations. An administrative user may use this information to add a department to the system 1 or to select one or more departments that the administrative user wishes to view, edit, or delete. An administrative user may view illustrative display 4700 after making the appropriate indication to list feature 4622 titled "DEPARTMENTS", interactive feature 4662 titled "Go to departments list", or any other appropriate indication. Illustrative display 4700 may include content area 4710.

[0470] Content area 4710 may include list 4720. List 4720 may include list items 4724. Each list item 4724 may represent a department of a company or organization that has access to the system 1. List items 4724 may include list features 4722. The system may receive indications that an administrative user

prefers to edit, delete, add, or modify in any suitable way the associated list item 4724, through list features 4722. Content area 4710 may include one or more interactive features 4726. In this example, 5 interactive feature 4726 may receive administrative user indications that the administrative user wishes to add an additional list item 4724 to list 4720, input the name of a list item 4624, or view the list 4620 of companies. The system may receive any suitable 10 administrative user indications, through interactive features 4726.

[0471] FIG. 97 shows illustrative display 4750. In this example, illustrative display 4750 shows some of the relevant data stored in the system 1 for a 15 department of a participating company or organization. Illustrative display 4750 provides administrative users with means to edit such data. Illustrative display 4750 may be provided upon receipt of appropriate administrative user indications to the system, for 20 example, through list feature 4722 titled "EDIT" as shown in FIG. 96, interactive feature 4726 titled "add new department" as shown in FIG. 96, interactive feature 4826 titled "back to department list without editing" as shown in FIG. 99, or by any other 25 appropriate administrative user indication or system 1 event. Illustrative display 4750, as well as other displays described herein, may include header 2018 and content area 4760.

[0472] Content area 4760 may include interactive features 4762 and input features 4764. The system may receive any suitable administrative user indications, through interactive features 4762. In this example, 5 the system may receive administrative user indications of "Back to companies list", "Go to customers list", and "Back to department list without editing", through interactive features 4762. The system may receive administrative user indications directing that the 10 administrative user wishes to view illustrative display 4700, through interactive feature 4762 titled "Back to department list without editing". The system may receive administrative user indications directing that the administrative user wishes to view illustrative 15 display 4600, through interactive feature 4762 titled "Back to companies list". The system may receive administrative user indications directing that the administrative user wishes to view illustrative display 4800, through interactive feature 4762 titled "Go to 20 customers list". The system may receive any suitable administrative user indications, through input features 4764. In this example, input features 4764 have received administrative user indications that "Acme", "25", "1001 6th Ave.", "4th Floor", "Plaintown", "Ohio", "USA", and "44444" are parts of the relevant data to be stored in relation to a the "ACME Legal" department of a company named "Acme".

[0473] FIG. 98 shows illustrative display 4750. In this example, illustrative display 4750 shows some of

the relevant data to be stored in input features 4764 and interactive feature 4762 titled "edit department". The system may receive administrative user indications directing that the data displayed in input features
5 4764 be stored for future use, through interactive feature 4762 titled "edit department".

[0474] FIG. 99 shows illustrative display 4800. In this example, illustrative display 4800 shows the names of several users within departments of companies or
10 other suitable organizations. An administrative user may use this information to add a user to the system 1 or to select one or more users that the administrative user wishes to view, edit, or delete. An administrative user may view illustrative display 4800
15 after making the appropriate indication to list feature 4722 titled "CUSTOMERS", interactive feature 4762 titled "Go to customers list", or any other appropriate indication. Illustrative display 4800 may include content area 4810.

20 [0475] Content area 4810 may include list 4820. List 4820 may include list items 4824. Each list item 4824 may represent a user that has access to the system 1. List items 4824 may include list features 4822. The system may receive indications that an
25 administrative user prefers to edit, delete, add, or modify in any suitable way the associated list item 4824, through list features 4822. Content area 4810 may include one or more interactive features 4826. In this example, the system may receive administrative

user indications that the administrative user wishes to add an additional list item 4824 to list 4820, input relevant data regarding a list item 4824, view the list 4720 of departments or view the list 4620 of companies, 5 through interactive features 4826. The system may receive any suitable administrative user indications, through interactive features 4826.

[0476] FIG. 100 shows illustrative display 4900. In this example, illustrative display 4900 shows the names 10 of several locations of departments of companies or other suitable organizations. An administrative user may use this information to add a location to the system 1 or to select one or more locations that the administrative user wishes to view, edit, or delete. 15 An administrative user may view illustrative display 4900 after making the appropriate indication to list feature 4822 titled "LOCATIONS", interactive feature 4762 titled "Back to locations list without editing", or any other appropriate indication. Illustrative 20 display 4900 may include content area 4910.

[0477] Content area 4910 may include list 4920. List 4920 may include list items 4924. Each list item 4924 may represent a location of a company or organization that has access to the system 1. List 25 items 4924 may include list features 4922. The system may receive indications that an administrative user prefers to edit, delete, add, or modify in any suitable way the associated list item 4924, through list features 4922. Content area 4910 may include one or

more interactive features 4926. In this example, the system may receive administrative user indications that the administrative user wishes to add an additional list item 4924 to list 4920, input relevant data
5 regarding a list item 4924, view the list 4820 of users, view the list 4720 of departments or view the list 4620 of companies, through interactive features 4926. The system may receive any suitable administrative user indications, through interactive
10 features 4926.

[0478] FIG. 101 shows illustrative display 4950. In this example, illustrative display 4950 shows some of the relevant data stored in the system 1 for a location of a department of a participating company or
15 organization. Illustrative display 4950 provides administrative users with means to edit such data. Illustrative display 4950 may be provided upon receipt of appropriate administrative user indications, for example, to list feature 4922 titled "EDIT" as shown in
20 FIG. 100, interactive feature 4926 titled "add new location" as shown in FIG. 100, or by any other appropriate administrative user indication or system 1 event. Illustrative display 4950, as well as other displays described herein, may include header 2018 and
25 content area 4960.

[0479] Content area 4960 may include interactive features 4962 and input features 4964. The system may receive any suitable administrative user indications, through interactive features 4962. In this example,

the system may receive administrative user indications of "Back to companies list", "Back to customers list", and "Back to departments list", and "Back to locations list without editing", through interactive features

5 4962. The system may receive administrative user indications directing that the administrative user wishes to view illustrative display 4900, through interactive feature 4962 titled "Back to locations list without editing". The system may receive

10 administrative user indications directing that the administrative user wishes to view illustrative display 4600, through interactive feature 4962 titled "Back to companies list". The system may receive administrative user indications directing that the administrative user

15 wishes to view illustrative display 4700, through interactive feature 4962 titled "Back to departments list". The system may receive administrative user indications directing that the administrative user wishes to view illustrative display 4800, through

20 interactive feature 4962 titled "Back to customers list". The system may receive any suitable administrative user indications, through input features 4964. In this example, input features 4964 have received administrative user indications that "Acme",

25 "Acme", "1001 6th Ave.", "Suite 421 (4th Fl.)", "Plaintown", and "Ohio" are parts of the relevant data to be stored in relation to a the "Acme" location of the "ACME Legal" department of a company named "Acme".

[0480] FIG. 102 shows illustrative display 4950. In this example, illustrative display 4950 shows some of the relevant data to be stored in input features 4964 and interactive feature 4962 titled "edit location".

5 The system may receive administrative user indications directing that the data displayed in input features 4964 be stored for future use, through interactive feature 4962 titled "edit location".

[0481] FIG. 103 shows illustrative display 5000. In this example, illustrative display 5000 shows the names and some related data for several administrative users (or operators). An administrative user may use this information to add another administrative user to the system 1 or to select one or more administrative users that the administrative user wishes to view, edit, or delete. An administrative user may view illustrative display 5000 after making the appropriate indication to interactive feature 2020 titled "Operators Add, Delete and Edit Operators/Permissions" as shown in FIG. 69., or any other appropriate indication. Illustrative display 5000 may include content area 5010.

[0482] Content area 5010 may include list 5020. List 5020 may include list items 5024. Each list item 5024 may represent an administrative users. List items 5024 may include list features 5022. The system may receive indications that an administrative user prefers to edit, delete, add, or modify in any suitable way the associated list item 5024, through list features 5022. Content area 5010 may include one or more interactive

features 5026. In this example, the system may receive administrative user indications that the administrative user wishes to add an additional list item 5024 to list 5020, or input relevant data regarding a list item 5024, through interactive features 5026. The system may receive any suitable administrative user indications, through interactive features 5026.

[0483] FIG. 104 shows illustrative display 5050. In this example, illustrative display 5050 shows some of the relevant data stored in the system 1 for an administrative user (or operator). Illustrative display 5050 provides administrative users with means to edit such data. Illustrative display 5050 may be provided upon receipt of appropriate administrative user indications, for example, to list feature 5022 titled "EDIT" as shown in FIG. 103, interactive feature 5026 titled "add new operator and/or new group" as shown in FIG. 103, or by any other appropriate administrative user indication or system 1 event. Illustrative display 5050, as well as other displays described herein, may include header 2018 and content area 5060.

[0484] Content area 5060 may include interactive features 5062 and input features 4964. The system may receive any suitable administrative user indications, through interactive features 5062. In this example, the system may receive administrative user indications of "Back to operators list", "Go to customers list", and "edit operator", through interactive features 5062.

The system may receive administrative user indications directing that the administrative user wishes to view illustrative display 5000, through interactive feature 5062 titled "Back to operators list". The system may receive administrative user indications directing that the administrative user wishes to view illustrative display 4800, through interactive feature 5062 titled "Go to customers list". The system may receive administrative user indications directing that the data displayed in input features 4964 be stored for future use, through interactive feature 5062 titled "edit operator". The system may receive any suitable administrative user indications, through input features 4964. In this example, the system, through input features 4964 has received administrative user indications that "jackf", a password indicated as "*****", "Jack", "Fine", and "jfine@mail.com" are parts of the relevant data to be stored in relation to a the operator titled "jackf".

20 [0485] FIG. 105 shows illustrative display 5100. In this example, illustrative display 5100 may allow an administrative user to view one or more lists 5120 of administrative user permissions levels and to select a sublist 5130 of administrative user permissions levels to be included as part of the stored data for a list item 5024. Illustrative display 5100 may be viewed and used by an administrative user after the administrative user makes suitable indications to list feature 5022 titled "PERMISSIONS" as shown in FIG. 103, or any other

suitable indication. Illustrative display 5100 may include display area 5110.

[0486] Display area 5110 may include one or more interactive features 5112, one or more lists 5120, and
5 one or more sublists 5130. The system may receive any suitable administrative user indications, including indications to add one or more list items 5122 to
10 sublist 5130 as a sublist item 5132, select all list items 5122, select none of list items 5122, remove one or more sublist items 5132 from sublist 5130, select
all sublist items 5132, select none of sublist items, perform customized extra editing, or any other suitable indications, through interactive features 5112.

[0487] List 5120 may contain one or more list items
15 5122. Sublist 5130 may contain one or more sublist items 5132. List items 5122 and sublist items 5132 may display any relevant information relating to specific administrative user permissions. The system may
20 receive any suitable administrative user indications, through list items 5122 and sublist items 5132. The system may receive administrative user indications of selection or deselection prior to receipt of
administrative user indications by interactive features 5112, through list items 5122 and sublist items 5132.

25 [0488] FIG. 106 shows illustrative display 5200. In this example, illustrative display 5200 may allow an administrative user to view one or more lists 5220 of administrative user groups and to select a sublist 5230 of administrative user groups to be included as part of

the stored data for a list item 5024. Illustrative display 5200 may be viewed and used by an administrative user after the administrative user makes suitable indications to the system, through list feature 5022 titled "GROUPS" as shown in FIG. 103, or any other suitable indication. Illustrative display 5200 may include display area 5210.

[0489] Display area 5210 may include one or more interactive features 5212, one or more lists 5220, and one or more sublists 5230. The system may receive any suitable administrative user indications, including indications to add one or more list items 5222 to sublist 5230 as a sublist item 5232, select all list items 5222, select none of list items 5222, remove one or more sublist items 5232 from sublist 5230, select all sublist items 5232, select none of sublist items, perform customized extra editing, or any other suitable indications, through interactive features 5212.

[0490] List 5220 may contain one or more list items 5222. Sublist 5230 may contain one or more sublist items 5232. List items 5222 and sublist items 5232 may display any relevant information relating to specific administrative user groups. The system may receive any suitable administrative user indications, through list items 5222 and sublist items 5232. The system may receive administrative user indications of selection or deselection prior to receipt of administrative user indications by interactive features 5212, through list items 5222 and sublist items 5232.

[0491] FIG. 107 shows illustrative display 5300. In this example, illustrative display 5300 gives an administrative user some information relating to expense reporting, while also receiving administrative user indications about preferred expense reports based on orders placed by users. Illustrative display 5300 may be provided upon receipt of appropriate administrative user indications by the system, for example, through interactive feature 2020 titled "Accounting Expense Reporting Engine" as shown in FIG. 69. Illustrative display 5300, as well as other displays described herein, may contain header 2018, content area 5310, and control box 5320. Content area 5310 may include any suitable informational content, lists, or any other suitable features.

[0492] The system may receive administrative user indications directing the type of expense report that the administrative user wishes to view, through control box 5320. Control box 5320 may include date area 5330, summary area 5340, detail area 5350, and any other relevant features.

[0493] Date area 5330 may include one or more interactive features 5332. The system may receive administrative user indications of a desirable date or date range to be used when compiling a list, through interactive features 5332.

[0494] Summary area 5340 may include one or more interactive features 5342. The system may receive administrative user indications regarding desired

methods of searching, sorting, or compiling data, or any other relevant indications, through interactive features 5342. The system may receive administrative user indications that displaying a summary style expense report is desirable, through interactive features 5342.

[0495] Detail area 5350 may include one or more interactive features 5352. The system may receive administrative user indications regarding desired methods of searching, sorting, or compiling data, or any other relevant indications, through interactive features 5352. The system may receive administrative user indications that displaying a detail style expense report is desirable, through interactive features 5352.

[0496] FIG. 108 shows illustrative display 5300. In this example, content area 5310 shows an example summary expense report including data regarding customer names, client codes, order quantities, and total cost. Illustrative display 5300 as shown in FIG. 108 may be provided upon receipt of appropriate administrative user indications, for example, through interactive feature 5342 titled "Show". The summary expense report is displayed as list 5420. The individual expense items are displayed as list items 5424.

[0497] FIG. 109 shows illustrative display 5300. In this example, content area 5310 shows an example detailed expense report including data regarding employee names, client codes, matter codes, dates,

times, order IDs, total costs, tips, and adjustments. Illustrative display 5300 as shown in FIG. 109 may be provided upon receipt of appropriate administrative user indications by the system, for example, through
5 interactive feature 5352 titled "Show". The summary expense report is displayed as list 5520. The individual expense items are displayed as list items 5524.

[0498] Thus, an e-commerce system for ordering
10 supplies or services from suppliers is provided. In some embodiments, standards for placing orders and registering catalog information in a database may be provided. Orders may be received from internal or external ordering sites. Supplier information may be
15 made available to the internal or external sites. Systems and methods for placing orders, preprocessing supplier information using geographic information, conducting data searches and analyses locally on user access devices, continuously updating displays of
20 browser frames, tracking orders using accounting codes, placing graphical custom orders, submitting graphical orders to suppliers, placing group orders, reducing risks associated with delinquent accounts receivable, or combinations thereof may be provided. It will be
25 understood that the foregoing is only illustrative of the principles of the invention and that various modifications can be made by those skilled in the art

without departing from the scope and spirit of the invention.

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